

ABSTRACT

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An easily adhesive polyamide film has been created from unstretched or uniaxially stretched non-heated polyamide film coated with a water-base coating mixture, whose main constituents are (A) water polyurethane resin containing acetylene glycol in which each carbon atom immediately adjacent to the triple-bonded carbon atom is replaced with a hydroxyl group and a methyl group, and/or an ethylene oxide addition product of the acetylene glycol; (B) a water-soluble polyepoxy compound; and (C) particles with an average diameter between 0.001 and 1.0 μm , of which the solid-content weight ratio is 98 - 30/2 - 70/0.1 - 10, the coating amount after stretching is between 0.005 and 0.030 g/m^2 , and the film is stretched in at least one direction and then heated. This newly invented film possesses good blocking resistance and excellent adhesiveness with print ink, laminate, and other coating mixtures, and is especially suitable for boiling sterilization, retort sterilization, and packaging of liquids.

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